Amendments to the Specification:

Please amend the paragraph on page 4, line 36 through page 6, line 6, beginning, "More specifically, the present invention relates to:..." as follows:

--More specifically, the present invention relates to:

[1] a dopaminergic neuron proliferative progenitor cell marker polynucleotide probe comprising a sequence selected from the following nucleotide sequences (1) to (5):

(1) a nucleotide sequence complementary to a nucleotide sequence of SEQ ID NO: 1 or 2;

(2) a nucleotide sequence complementary to a nucleotide sequence encoding an amino acid sequence of SEQ ID NO: 3 or 4;

(3) a nucleotide sequence complementary to a nucleotide sequence encoding a sequence lacking a transmembrane domain in an amino acid sequence of SEQ ID NO: 3 or 4;

(4) a nucleotide sequence that hybridizes under stringent conditions with a polynucleotide consisting of a nucleotide sequence of SEQ ID NO: 1 or 2; and,

(5) a nucleotide sequence comprising at least 15 contiguous nucleotides selected from sequences of (1) to (4),

[2] an antibody against a polypeptide selected from the following (1) to (6):

(1) a polypeptide encoded by a nucleotide sequence of SEQ ID NO: 1 or 2;

(2) a polypeptide comprising an amino acid sequence of SEQ ID NO: 3 or 4;

(3) a polypeptide comprising an amino acid sequence lacking a transmembrane domain in an amino acid sequence of SEQ ID NO: 3 or 4;

(4) a polypeptide comprising an amino acid sequence with a deletion, insertion, substitution, or addition of one or more amino acids in an amino acid sequence of SEQ ID NO: 3 or 4;

(5) a polypeptide encoded by a nucleotide sequence that hybridizes under stringent conditions with a sequence complementary to a nucleotide sequence of SEQ ID NO: 1 or 2; and,

(6) a polypeptide that is a fragment of a polypeptide of (1) to (5) comprising at least 8 amino acid residues,

[3] a method of selecting a dopaminergic neuron proliferative progenitor cell, wherein the method comprises the step of contacting the polynucleotide of [1] with a cell sample thought to comprise a dopaminergic neuron proliferative progenitor cell,

[4] a method of selecting a dopaminergic neuron proliferative progenitor cell, wherein the method comprises the step of contacting the antibody of [2] with a cell sample thought to comprise a dopaminergic neuron proliferative progenitor cell,

[5] a method of selecting a postmitotic dopaminergic neuron progenitor cell comprising the steps of:

(1) selecting a dopaminergic neuron proliferative progenitor cell using the method of [3] or [4];

(2) culturing the proliferative progenitor cell selected in (1); and,

(3) screening the progenitor cell cultured in (2) using a postmitotic dopaminergic neuron marker,

[6] a dopaminergic neuron proliferative progenitor cell selected using the method of [3] or [4],

[7] a postmitotic dopaminergic neuron progenitor cell selected using the method of [5],

[8] a method of isolating a gene specific to a dopaminergic neuron proliferative progenitor cell and a gene specific to each maturation stage of the progenitor cell differentiating into a dopaminergic neuron, wherein the method comprises the step of detecting and isolating a gene specifically expressed in the

proliferative progenitor cell of [6], or a cell differentiated, induced, or proliferated from the progenitor cell, and

[9] a method of screening using maturation as an index, wherein the method comprises the steps of contacting a test substance with the proliferative progenitor cell of [6], and detecting the differentiation or proliferation of the progenitor cell induced by the contact.--